

ACCESSION NR: AT4012197

region distant from spots. Sunspots appeared in the observed region three days later, on July 23. "In conclusion the author thanks V. A. Krat for continued interest in the work and valuable advice". Orig. art. has: 8 figures and 1 table.

ASSOCIATION: GLAVNAYA ASTRONOMICHESKAYA OBSERVATORIYA, PULKOVO (Main Astronomical Observatory)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 01

SUB CODE: AS

NO REF SOV: 014

OTHER: 014

Card

2/32

L 62183-65 EPF(c)/EWT(m)/EWP(b)/EJA(d)/EWP(t) JD/WB

ACCESSION NR: AP5010466

UR/0294/65+003/002/0260/0265  
621.315.62.001.5

25

24

AUTHORS: Golubev, B. P.; Vasil'yeva, G. A.; Kalitin, P. P.; B.  
Smirnov, S. N.

TITLE: Technology of manufacture and properties of electric lead-ins of corundum microlite, operating in corrosive media at high temperatures and pressures

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 2, 1965  
260-265

ABSTRACT: The authors describe electric lead-ins into a region containing a corrosive substance at high temperature and pressure. The bushing insulators are made from corundum microlite and platinum-rhodium wire, and are sintered at 1750°C. The compositions and the manufacturing steps are described in detail. The lead-ins were used to determine the electric conductivity of various substances (NaCl, KCl, Na<sub>2</sub>SiO<sub>3</sub> and others) in water and in steam at 250 -- 500°C and at

Card 1/2

L 62183-65

ACCESSION NR: AP5010466

pressure 100 -- 360 kg/cm<sup>2</sup> without loss of the sealing properties.  
Several different constructions of the bushing insulator are described  
Original article has: 7 figures and 2 tables

ASSOCIATION: Nauchno-issledovatel'skiy institut vysokikh temperatur  
(Scientific Research Institute of High Temperatures)

SUBMITTED: 21Aug64 ENCL: 00 SUB CODE: IE, EE

NR REF Sov: 008 OTHER: 000

Card

ljp  
2/2

VASIL'YEVA, G.A.; POLOVTSEVA, Yu.M.; IGNASHCHENKOVA, N.V.;  
ZAF'YANTSEVA, I.N.; SUENIK, R.M.; PRAVEDKOVA, M.L.,  
red.; KONDRAT'YEVA, T.F., kand.tekhn.nauk,red.; ALFEEVA, N.A.,  
inzh.red.

[Reliability and durability of piston machines; annotated bibliographical index; Soviet and foreign literature published in 1960-1963] Nadezhnost' i dolgo-vechnost' porshnevых mashin; annotirovannyi bibliograficheskii ukazatel': otechestvennaia i inostrannia literature 1960-1963 gg. Leningrad, Otdel nauchno-tekhn. informatsii, 1964. 144 p. (MIRA 18:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy institut khimicheskogo mashinostroyeniya.  
Leningradskiy filial.

GOLUBEV, B.P.; VASIL'YEVA, G.A.; KALITIN, P.P.

MEI-MKTS bushings from the zone of high temperatures and pressures.  
Teplofiz. vys. temp. 2 no.3:489 My-Je '64. (NIKA 17:8)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

GOLUBEV, B.P.; VASIL'YEVA, G.A.; KALITIN, P.P.; SMIRNOV, S.N.; KHARITONOV, F.Ya.

Technology of manufacture and properties of electric conductors from  
corundum microlite operating in corrosive media at high temperatures  
and pressures. Teplofiz. vys. temp. 3 no.2:260-265 Mr-Ap '65.

(MIRA 18:7)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur, Moskva.

L 33666-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(l) IJP(c)  
ACC NR: AP6014065 SOURCE CODE: UR/0294/66/004/002/0202/0206  
JD/WH/JH

AUTHOR: Golubev, B. P.; Kharitonov, F. Ya.; Kalitin, P. P.;  
Vasil'yeva, G. A.; Smirnov, S. N.

ORG: High Temperature Scientific Research Institute (Nauchno-  
issledovatel'skiy institut vysokikh temperatur)

TITLE: Construction properties of corundum microlite at high  
temperatures

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 2, 1966, 202-206

TOPIC TAGS: high temperature alloy, corundum refractory

ABSTRACT: The article presents a correlation of experimental and literature data on the mechanical, physico-chemical, and thermo-physical properties of corundum microlite at room temperature and at high temperatures (up to 1200°C). The corundum microlite used had the following composition: 99.4-99.5%  $\text{Al}_2\text{O}_3$ ; 0.5-0.6% MgO; 0.03-0.05%  $\text{Fe}_2\text{O}_3$ . The samples were annealed in a batch type flame furnace with prolonged heating for 16 hours at 400°, and then for 12 hours at 1750°. The following properties of the samples were determined: water absorption, specific weight, porosity, hardness, coefficient of linear

Card 1/2

UDC: 620.10.620.171.3.620.18

63  
62  
B

L 3366..ff

ACC NR: AP6014065

thermal expansion, specific electric resistance, the strength limit for shock bending, fracture, and compression at room temperature, thermal stability, electric strength, refractory properties, deformation temperature, and shrinkage. The experimental results are shown in a table and figures. There is also a photo at 90 magnifications of the microstructure of the corundum microlite. It was found that the material has attractive properties for use as a construction material in machine construction, in the electrical industry, and for high temperature units which operate in aggressive media. Orig. art. has: 4 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 22Oct64/ ORIG REF: 009

Card 2/2 mc

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5

VASIL'YEV, I. A.

"The Ecology of Certain Species of Cladocera which are Prod as Live Fish Food." Cand Biol Sci, Moscow Technical Inst of the Fish Industry and Economy, Moscow, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

VASIL'YEVA, G.A.; SERGEYEV, K.N.

Cases of hernia of the umbilical cord. Akush. i gin. no.3:80-81  
My-Je '54. (MLRA 7:8)

1. Iz rodil'nogo doma Moskovsko-Ryazanskoy zh.d., st. Michurinsk.  
(UMBILICUS--HERNIA)

VASIL'YEVA, G.A.

A rare double monstrosity. Akush. i gin. 32 no.6:79-80 N-D '56.  
(MIRA 10:11)

1. Iz rodil'nogo otdeleniya (zav. G.A.Vasil'yeva) bol'nitay  
st. Michurinsk Moskovsko-Ryazanoy zheleznoy dorogi.  
(MONSTERS, case reports  
ischiopagus)

SHNAYDMAN, L.O.; KUSHCHINSKAYA, I.N.; Prinimali uchastiye: SILING, M.I.;  
BALATSENO, S.V.; SHEVYREVA, O.N.; RYUMINA, N.V.; VASIL'YEVA, G.A.

Catalytic oxidation of diacetone-L-sorbose in diacetone-2-keto-L-gulonic acid with atmospheric oxygen. Trudy VNIVI 8:13-22  
'61.  
(Sorbose) (Gulonic acid)

KULIKOV, Aleksandr Aleksandrovich; NEMIROVSKIY, Moisey Il'ich; VASIL'YE-  
VA, G.B., inzh., retsenzent; LUTSYK, V.I., inzh., retsenzent; KO-  
RYTNIKOV, V.P., inzh., red.; CHISTYAKOVA, L.G., inzh., red.; GORNO-  
STAYPOL'SKAYA, M.S., tekhn. red.

[Collection of problems on electric machinery] Sbornik zadach po  
elektricheskim mashinam. Moskva, Gos.nauchno-tekhn.izd-vo mashino-  
stroit.lit-ry, 1961. 198 p. (MIRA 14:12)  
(Electric machinery)

3.5140 (1041)

22191

S/035/61/000/009/015/036  
A001/A101

AUTHOR: Vasil'yeva, G. Ya.

TITLE: Some results of studying tremors of stars using their tracks

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 9, 1961, 31-32,  
abstract 9A246 ("Tr. Soveshchaniya po issled. mertsaniya zvezd",  
1958, Moscow-Leningrad, AN SSSR, 1959, 165-173. Discuss., 181-182)TEXT: Turbulence was studied in detail by means of plotting autocorrelation functions for 13 stellar tracks. Observations were conducted at Anapa with an A3T-7 (AZT-7) telescope ( $f = 10$  m,  $D = 200$  mm). Each track was measured at 600 points separated by  $50 \text{ m } \mu$ . Calculations were carried out on an 'B-80-3 (EV 80-3) electronic computer at the Computing Center, AS USSR. The results of this work confirm the conjecture on the existence of a periodic non-random component in tremors. The energy of non-random component amounts to 10-20% of total energy of the oscillation process, and this ratio does not depend either on azimuth or on zenith distance of the star. There are 6 references.

L. Zhukova

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[Abstracter's note: Complete translation]

Card 1/1

NIKITIN, Nikolay Ignat'yevich. Prinimali uchastiye: ABRAMOV A. Ye.A., starshiy nauchnyy sotr., kand. khim. nauk; AKIM, E.L., inzh.-tekhnolog; ANTONOVSKIY, S.D., dots., kand. tekhn. nauk; VASIL'YEVA, G.G., inzh.-tekhnolog; ZAYTSEVA, A.F., starshiy nauchnyy sotr., kand. tekhn.nauk; KLENKOVA, N.I., kand. tekhn. nauk; MALEVSKAYA, S.S., kand. khim. nauk; NIKITIN, V.N.starshiy nauchnyy sotr., kand. fiz.-mat. nauk; OBOLENSKAYA, A.V., kand. tekhn. nauk, dotsent; PETROPAVLOVSKIY, G.A., starshiy nauchnyy sotr., kand. tekhn. nauk; PONOMAREV, A.N., kand. tekhn. nauk, dots.; SOLECHNIK, N.Ya., prof., doktor tekhn. nauk; TOKAREV, B.I., inzh.; TSVETAYEVA, I.P., kand. tekhn. nauk; CHOCHIYEVA, M.M., kand. tekhn. nauk; ELIASHBERG, M.G., doktor tekhn. nauk; YUR'YEV, V.I.; KARAPETYAN, G.O., red.izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Wood chemistry and cellulose] Khimiia drevesiny i tselliulozy. Moskva, Izd-vo Akad.nauk SSSR, 1962. 711 p. (MIRA 15:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Nikitin). 2. Zaveduyushchiy kafedroy fizicheskoy i kolloidnoy khimii Lesotekhnicheskoy akademii (for Yur'yev).

(Cellulose)

PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.

Alkali soluble carboxymethyl cellulose and possibilities of its  
use in the paper and textile industries. Trudy LTA no.91:115-121  
'60.  
(MIRA 15:12)

1. Lesotekhnicheskaya akademiya.  
(Cellulose)  
(Textile industry) (Paper industry)

PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.; KRUNCHAK, M.M.; NIKITIN, N.I.

Properties of films of low-substituted nitrates of wood  
cellulose. Zhur. prikl. khim. 36 no.8:1816-1821 Ag '63.  
(MIRA 16:11)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5

PETROPAVLOVSKIY, G.A.; KRUNCHAK, M.M.; VASIL'YEVA, G.G.

Low-substituted nitrates of wood celluloses. Zhur. prikl. khim.  
36 no.8:1799-1808 Ag '63. (MIRA 16:11)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

VASIL'YEVA, G. G.

Dissertation defended for the degree of Candidate of Technical Sciences at the Institute of High-Molecular Compounds in 1962:

"Properties of Alkaline-Soluble Carboxymethylcellulose and the Possibility of Its Use in the Paper and Textile Industries."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

PETROPAVLOVSKIY, G.A.; VASIL'YEVA, G.G.

Low-substituted Na-carboxymethylcellulose and its properties  
as a finish for textile products. Zhur.prikl.khim. 30 no.12:  
1832-1837 D '57. (MIRA 11:1)  
(Cellulose) (Textile finishing)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5

RETROSYNTHETIC, G.: VASIL'YEV, G.G.; VENKOV, I.A.

Determination of structure changes in cellulose at the initial esterification stages by X-ray diffraction analysis. Zhur. prikl. khim. 37 no.9:2008-2016 S '64.

(MIRA 17:10)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

YERMOLENKO, N.P.; VASIL'YEVA, G.I.

Molecular compounds in MnCl<sub>2</sub>- KCl - H<sub>2</sub>O and MnSO<sub>4</sub>-(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>-H<sub>2</sub>O systems. Uch.zap. BGU no.29:295-305 '56. (MIRA 11:11)  
(Systems (Chemistry))

VASIL'YEVA, G. I.

22003 VASIL'YEVA, G. I. O Fizicheskoy aktivnosti ryshechnogo preparata-muskulen. Uchen. zapiski Nauch.-issled. in-ta tuberkuleza v Odesse, ch. 2, 1948, s. 23-24.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

... . . .

22004 VASIL'YEVA, G. I., O fiziologicheskoy aktivnosti ekstraktov (?) luo, glutrenty i myshch. Uchen. zapiski Nauch.-issled. in-ta tuberkuleza v Odesse, ch. 2, 1942, s. 39-45.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

V. 112 77, .

12047 Zasiliyev, I. - But'ia i m'noy luch'shimi o postoyannym zidchicheslym  
sistemy reprezentativnym uchenii i vospitaniem narodov SSSR. "Vop. Zidch."  
izdach-issled. in-ta sibiriakova, 1911. 1938, s. 45-48.

CC: Iakovis' Zhurnal'nykh Statey, No. 15, Lekvna, 1940.

VASIL'YEV, V. I.

"Change in the Reactivity of the Granuloma in the Dynamics of Experimental Tuberculosis." Can. Med. Sci., Odessa Sci. Res Inst of Tuberculosis, Odessa, 1954. (ZhPiol, No 6, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SVIRIDOV, Vadim Vasil'yevich; YASIL'YEVA, Galina Ignat'yevna;  
ULAZOVA, Anna Romanovna; MALISHEVSKAYA, Lidiya Ivanovna;  
LITVINSKAYA, T., red.; MINCHUKOVA, T., red.

[Handbook of problems and exercises in inorganic chemistry]  
Sbornik voprosov i uprazhnenii po neorganicheskoi khimii.  
Minsk, Vysshaia shkola, 1965. 212 p. (MIRA 18:7)

VASIL'YEVA, G.

The Gorlovka People's Conservatory of Music... Sov. profsciuz  
18 no.7:39-40 Ap '62. (MIRA 15:3)

1. Spetsial'nyy korrespondent zhurnala "Sovetskiye profsoyuzy",  
g. Gorlovka.  
(Gorlovka--Conservatories of music)

YERMOLENKO, N.F.; VASIL'YEVA, G.I.

Studying ternary systems with the aid of zirconium salts. Uch.zap.BGU  
no.42:271-280 '58. (MIRA 12:1)  
(Systems (Chemistry)) (Zirconium salts)

YERMOLENKO, N.F. [Yarmolenka, M.F.]; VASIL'YEVA, G.I. [Vasil'ieva, H.I.]

Studying intermolecular reactions in saline mixtures by  
physicochemical analysis. Vestsi AN BSSR. Ser. Fiz.-tekhn.  
nav. no. 4:42-45 '60. (MIRA 14:1)  
(Solution (Chemistry)) (Chemical reactions)

USSR/General Problems of Pathology - Allergy.

Abs Jour : Ref Zhur Biol., No 1, 1959, 4071

Author : Vasil'yeva, G.K.

Inst : The Kuybyshev Society of Anatomico-Pathologists with a  
Section of Pathophysiologists.

Title : On the Mechanism of Anaphylactic Shock.

Orig Pub : Sb. nauchn. rabot Kuybyshevsk. O-vva patologoanatomov s  
sektsiyey patofizioli. Kuybyshev, 1957, 127-135

Abstract : Ten sensitized dogs under the influence of hexenal or  
thiopental narcosis developed a picture of microshock  
without external manifestations following the adminis-  
tration of a reacting dose of antigen. Ether narcosis  
showed a still more effective action. Anaphylactic  
shock (AS) developed fully following injection of the  
reacting dose of antigen (0.02-2 ml/kg) in cases of

Card 1/2

- 6 ..

VASIL'YEVA, G. K.

"Some Data on the Effect of Hypnotic Sleep on the Organisms of Patients With Thyreotoxicosis." Cand Med Sci, Kuybyshev State Medical Inst Kuybyshev, 1953. (TZhBiol, No 5, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

Vasiliyeva, G.K.

USSR/General Problems of Pathology - Allergy.

T-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17198

Author : Vasiliyeva, G.K.

Inst : -

Title : Importance of the Functional State of the Nervous System  
in the Development of Anaphylactic Shock.

Orig Pub : Sb. nauchn. rabot. Kuybyshevsk. o-va patologoanatomov s  
sektsiyey potofiziol. Kuybyshev, 1957, 54-58.

Abstract : In horses sensitized with dog sera, hexanal (a 10% solution) anesthesia failed to modify the course of anaphylactic shock whereas morphine - ether anesthesia eliminated the shock. An intravenous injection of 10% caffeine solution in small dosage (0.17 - 0.9 mg/kg) failed to prevent the development of shock completely but larger dosages (0.9 mg/kg) were accompanied by a fall in blood pressure of not more than 8-15 mm of Hg.

Card 1/1

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Brief report on the mass raising of protococcal algae. Trudy TSSBS  
no.8:115-116 '64. (MIRA 18:7)

VASIL'YEVA, G.L.; OKUNEVA, G.L.

Experiments in rearing the rotifer *Brachionus rubens* Ehrbg. as food for young fish. Vop. ikht. 1 no.4:752-761 '61.

(MIRA 14:12)

1. Biologo-geograficheskiy nauchno-issledovatel'skiy institut pri Irkutskom gosudarstvennom universitete.

(Baikal Lake Region--Rotifera)  
(Fishes--Food)

VASIL'YEVA, G.L.; KOZHOVA, O.M.

Plankton of Irkutsk Reservoir. Trudy Gidrobiol. ob-va 13:  
25-55 '63. (MIRA 16:11)

1. Baykal'skaya biologicheskaya stantsiya Biologo-geograficheskogo  
instituta pri Irkutskom universitete imeni A.A.Zhdanova i Limnolo-  
gicheskiy institut Sibirskogo otdeleniya AN SSSR, pos. Listvenich-  
noye.

VASIL'YEVA, G.L.; KOZHOVA, O.M.; GOSMER, N.A.; PUTYATINA, T.N.;  
MISHARINA, E.N.

Plankton of the Irkutsk Reservoir during the first years of its  
existence. Izv. Sib. otd. AN SSSR no. 10:103-113 '60.  
(MIRA 13:12)

1. Irkutskiy gosudarstvennyy universitet.  
(Irkutsk Reservoir--Plankton)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5

VASIL'YEVA, G.L.

Some results of the study of zooplankton of Irkutsk Reservoir  
in 1957-1962. Trudy Lim. Inst. 11:135-176 '64.

(MIRA 18:11)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

RUB, M. G.; MAKEYEV, B. V.; VASIL'YEVA, G. L.

Criteria of the consanguinity of intrusive, subvolcanic and  
effusive rocks as revealed by a study in the Myao-Chanskiy region.  
Izv. AN SSSR. Ser. geol. 29 no. 1:21-41 Ja '64. (MIRA 17:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimii AN SSSR, Moskva.

BOGOMOLOV, A.I.; VASIL'YEV, G.M.

Composition and properties of Oainskiy petroleum of Irkutsk  
Province. Trudy VNIGRI no.95:405-410 '56. (MLRA 9:12)

(Irkutsk Province--Petroleum--Analysis)

L 42106-65 EPF(c)/ENT(m)/EWP(b)/T/ENP(t) Pr-4.. IJP(c) NE/JD/JG  
ACCESSION NR: AT5008632 8/2933/64/007/000/0192/0195

AUTHORS: Proskuryakov, V. A.; Rozental', D. A.; Vasil'yava, O. M.

TITLE: Desulfurization of petroleum and petroleum products by oxidation.  
2. Desulfurization of benzene and kerosene fractions by atmospheric oxygen  
oxidation in an alkali medium

SOURCE: AN SSSR. Bashkirskiy filial. Khimiya seraorganicheskikh soyedineniy,  
soderzhashchikhsya v neftyakh i naftoproduktakh, v. 7, 1964, 192-195

TOPIC TAGS: desulfurization, petroleum, benzene, kerosene, fraction, oxidation,  
catalyst, sodium hydroxide, alkali

ABSTRACT: Experiments were carried out to determine the optimum conditions for  
desulfurizing benzene and kerosene fractions from the Ural-Volga oil fields by  
oxidizing them in atmospheric oxygen and a water-alkali medium at high pressures  
and temperatures. The experiments were conducted in laboratory bubbling columns  
with perforated bottom vertical tubes. The first desulfurization was done with  
platforming type benzene 80-122°C fractions. A great improvement was noticed in  
the desulfurization efficiency when using an alkali catalyst. The optimum

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L 42106-65

ACCESSION NR: AT5008632

conditions were: temperature 60°C, air flow one liter/minute, NaOH concentration 3%, alkali to benzene ratio 1:2, pressure 10 atm, and test duration 10 minutes. The second specimen was of a 150-200°C benzene fraction. The optimum conditions were: temperature 130°C, air flow one liter/minute, alkali concentrate 3%, alkali-benzene ratio 1:1, pressure 10 atm, and test duration time 10 minutes. Similar conditions were found for the 200-300°C fraction specimen. Orig. art. has 4 tables.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Technological Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, GC

NO REF Sov: 000

OTHER: 003

Card 2/2 CC

L 43090-65 EMT(a)/EPF(c)/T Pr-4 WE  
ACCESSION NR: AR5006829

8/081/65/000/001/P022/P022

SOURCE: Ref. zh. Khimiya, Aba. 1P162

AUTHOR: Proskuryakov, V.A.; Rozental', D.A.; Vasil'yeva, G.M.

TITLE: The problem of the oxidative desulfurization of the rectified fractions of sulfurous petroleums. Desulfurization of the rectified fractions of sulfurous petroleums by oxidation in an autoclave

CITED SOURCE: Tr. Leningr. tekhnol. in-ta im. Lensoveta, vyp. 63, 1964, 168-172

TOPIC TAGS: petroleum refining, desulfuration, oxidative desulfurization, sulfurous crude, organic sulfur, sulfur oxidation

TRANSLATION: These studies were carried out on high-sulfur crudes from Patos (Albania), on the > 200°C distillate of petroleum from Zol'nyy Ovrag, and on the 80-140, 140-200, 200-240 and 240-270°C fractions of the representative petroleum Vtoroy Baku from Romashkino. Oxidation was carried out with atmospheric O<sub>2</sub> in an alkaline medium under pressure; the temperature in the experiments fluctuated between 120 and 220°C, and the pressure, from 10 to 20 atmospheres. The results of these studies demonstrated the possibility of removing the S compounds from rectified petroleum fractions. The alkaline medium acts as

L 43090-65  
ACCESSION NR: AR5006829

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an inhibitor of the oxidation of the hydrocarbons in the fraction; at the same time, the S compounds of the fraction are bound by alkali after being transformed into the active form of quadrivalent and hexavalent S. The oxidation of the sulfoorganic compounds can be accelerated by the use of the catalyst CuCl<sub>2</sub>· 2H<sub>2</sub>O. Preliminary experiments, carried out with the 240-270C kerosene fraction of Romashkino petroleum, showed that the degree of desulfurization is significantly increased by this process, even when the temperature is decreased to 120C, while the physicochemical constants before and after the experiment are identical. However, oxidation in a rotating autoclave proceeds at an excessively slow speed due to the small reactive surface and the poor dispersion of the petroleum fraction in the aqueous solution of alkali. A. Nagatkina

SUB CODE: FP ENCL: 00

*Ans*  
Card 5/2

BUKHMAN, Mikhail Meisayevich; SHMIDT, A.A.; BUKHARIN, V.V.; VASIL'YEVA,  
G.N.; KISINA, Ye.I., tekhnicheskiy redaktor;

[Production of mayonnaise] Preizvedstvo maieneza. Moskva,  
Pishchepromizdat, 1955. 32 p. (MLRA 9:4)  
(Mayonnaise)

NAMESTNIKOV, A.F., kandidat tekhnicheskikh nauk; SABUROV, N.V., doktor tekhnicheskikh nauk professor, retsenzent; IZOTOV, A.K., inzhener, retsenzent; VASIL'YEVA, G.N., redakter; GOTLIB, E.M., tekhnicheskiy redaktor.

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Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 21 (USSR) SOV/ 112-58-1-175

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PERIODICAL: Naladochn. i eksperim. raboty ORGRES, 1956, Nr 13, pp 3-9

ABSTRACT: Bibliographic entry.

AVAILABLE: Library of Congress

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2. Concrete--Applications

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caused by *Tyroglyphus noxioides*)

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manifest.)

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(**EPISTAXIS**, ther.

new method with hemostatic ointment)

(**HEMOSTATICS**, ther. use

epistaxis, new method of admin.)

LOS<sup>i</sup>, M.V., dotsent; NADZHMITDINOV, N.A.; GORODETSKAYA, A.S.; VASIL'YEVA,  
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Study of the incidence of tuberculosis in Andizhan. Med. zhur.  
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1. Iz kafedry mikrobiologii Andizhanskogo gosudarstvennogo meditsinskogo instituta i Oblastnogo protivotuberkuleznogo dispansera..  
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DEMIN, A.I., red.izd.-va; KASHINA, P.S., tekhn.red.

[The life of collective farmers in the Kirghiz villages of Darkhan  
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(Darkhan--Collective farms) (Chichkan--Collective farms)

VASIL'YEVA, G.P.

"Architecture of Turkmen dwellings." V.A. Levina, D.M. Ovezov, G.A. Pugachenkova. Reviewed by G.P. Vasil'eva. Sov. etn. no. 3:173-174 '54.

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CIA-RDP86-00513R001858930002-5

VASIL'YNA, Q.P.

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

DZHIKIYEV, Ata; VASIL'YEVA, G.P., kand. ist. nauk, red.; NASIBOVA, S.G.,  
red. izd-va; FLUTKOVA, S.G., tekhn. red.

[Turkmen of the southeastern shore of the Caspian Sea;  
historical and ethnographical outline] Turkmeny iugo-  
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(Caspian Sea region--Turkmen)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5

VASIL'YEV, G. P.

"Etnograficheskiye dannye o prichozhdenii turkmen'skogo naroda."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858930002-5"

ANNAKLYCHEV, Shikhberdy; VASIL'YEVA, G.P., kand. ist. nauk, red.;  
KARAMOV, S.B., red. izd-va; FLUTKOVA, S.G., tekhn. red.

[Life of the Nebit-Dag and Kum-Dag petroleum workers; historical  
and ethnological study] Byt rabochikh-neftianikov Nebit-Daga i  
Kum-Daga; istoriko-etnograficheskii ocherk. Ashkhabad, Izd-vo  
Akad. nauk Turkmenskoi SSR, 1961. 164 p. (MIRA 15:5)  
(Nebit-Dag—Petroleum workers)  
(Kum-Dag—Petroleum workers)

SOV/123-59-16-64609

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 16, p 135 (USSR)

AUTHOR: Vasil'yeva, G.S.

TITLE: Nickel Plating in Fluoborate Electrolyte

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. Vses. n.-i. in-t med. instrumentariya i oborud., 1958, Nr 4 (29), 82 - 87

ABSTRACT: Results of an investigation are given which was carried out with the aim of studying the possibilities of intensifying the process of nickel plating in a fluoborate electrolyte and, at the same time, of finding the methods to eliminate the tendency of this electrolyte to pitting. The method of preparing the electrolyte is described: 350 milliliter/l of concentrated HF are added to 215 grams/liter of  $H_3BO_3$ . The solution is decanted and freshly precipitated  $NiCO_3$  is introduced up to the saturation point. Then 15 grams/liter of nickel chloride are added, the solution is filtered and its pH is brought to 2.5 - 3.5 by introducing NaOH. Nickel plating is effected at a temperature of 50°C, with a current density of 4 - 4.5 amp/ $dm^2$  and with an intensive air agitation. The tendency of the electrolyte to pitting is eliminated by an electrochemical dipping of the parts in a solution containing (in % by weight): 60 -  $H_3PO_4$ , 10 -  $H_2SO_4$ , 30 -  $H_2O$ , at a

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Nickel Plating in Fluoborate Electrolyte

SOV/123-59-16-64609

temperature of 35 - 40°C, anode density of current of 10 amp/dm<sup>2</sup> and a soaking time of 15 minutes.

S.V.M.

Card 2/2

25(1)	PAGE I BOOK EXPLANATION	SOV/316:
<p><b>Mechano-technicheskoye obobshchenie mehnikorotkost'noy programenosti,</b>  <b>Elektrolyznye oplachivayushye pereklyucheniya</b></p> <p><b>Sobektno-destruktivnye i metallo-zheleznye poterii na zolotyye (prospective)</b>  <b>Dekorativnye, i Specjal. Oplachivayushye pereklyucheniya</b></p> <p><b>Redaktori: P. K. Laverko, N. I. Litvak, and A. P. Rybnik (Eng. M. I.)</b>  <b>Nauchno-Publishing House: M. S. Borodin; Chief Ed. (Southern Division,</b>  <b>Nauchno); V. E. Serebryuk, Engineer.</b></p> <p><b>Printed: This book is intended for technical personnel in the field of protective</b>  <b>coatings for metal.</b></p>		
<p><b>CONTENTS:</b> The papers in this collection, presented at a conference of the FTO      Mehanika held in Odessa, deal with the mechanization and automation of      metal-coating and plating processes performed by furnaces, electrolytic,      and other methods. Quality control of protective coatings is also discussed.      No personalities are mentioned. References follow several of the papers.</p>		
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	Kachalovskiy Yau, N. G., Candidate of Technical Sciences (Novosibirsk). Technological Passivation of Zinc Coatings (Bac'tor)	127
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VASIL'YEVA, G.S.

Electrochemical precipitation of a gold plating of heightened durability. Med. Prom. 13 no.5:48-52 My '59. (MISA 12:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo instrumentariya i oborudovaniya.  
(GOLD PLATING)

USSR/Chemical Technology - Chemical Products and Their  
Application. Electrochemical Manufacturing. Electro-  
deposition. Chemical Sources of Electrical Current.

H-6

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1938

Author : Vasil'yeva G.S.

Inst :

Title : Effect of Technological Factors on Porosity of Electroly-  
tic Nickel Deposits.

Orig Pub : Materialy po obmenu optyom i nauchn. dostizh. v med. prom-  
sti, 1957, No 3, (22), 31-42

Abstract : Study of the effect of preliminary treatment (mechanical  
and chemical), composition of electrolyte and conditions  
of electrolysis, on the porosity (P) of Ni-deposits.  
It was found that the better the mechanical treatment of  
the surface the less is the P. Use of electrolytic pick-  
ling in a solution having the composition (in % by weight):  
 $H_2PO_4$  60,  $H_2SO_4$  10 and  $H_2O$  30, or in a solution of  $H_3PO_4$

Card 1/2

USSR/Chemical Technology - Chemical Products and Their  
Application. Electrochemical Manufacturing. Electro-  
deposition. Chemical Sources of Electrical Current.

H-6

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1938

(specific gravity 1.72) lowers the P. Increased acidity  
of the electrolyte and a lowering of the concentration of  
 $H_3BO_3$  below 10 g/liter increases the P. Passivation of  
the surface prior to nickel plating decreases, by 1.5-2  
times, the protective properties of the coating. P is  
increased on contamination of the electrolyte with Fe and  
dextrin. Increase of  $D_k$  to 2 a/dm<sup>2</sup> results in a dark,  
porous deposit. Other conditions of electrolysis have  
little effect on P.

Card 2/2

VASIL'Yeva G.S.  
Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 2, p 190 (USSR)

AUTHOR: Vasil'yeva, G.S.

TITLE: The Effect of Technological Factors on the Porosity of Electrically-positive Nickel (Vliyanie tekhnologicheskikh faktorov na porostost' elektricheskikh nikel'evykh osadkov)

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. v med. prom-sti, 1957, Nr 3 (22), pp 31-42

ABSTRACT: The results of work to clarify the effect of the following elements on the porosity of Ni coatings (C) are presented: preparation of the surface of the parent metal before coating, electrolyte composition, working environment, contamination of electrolyte, passivation of the surface of the parent metal before coating. It is shown that preparation of the surface of the parent metal is one of the most decisive factors in producing compact electrolytic C. It is shown that electrochemical passivation increases the density and protective effect of the C for a given thickness. It is recommended that electrolytic passivation be performed with a bath consisting of 60% orthophosphoric acid, 10%  $H_2SO_4$ , and 30% water.

Card 1/2

137-58-2-3613

The Effect of Technological Factors (cont.)

and also phosphoric acid. The porosity of the C is not dependent upon the kind of Ni bath. However, porosity increases as the  $H_3BO_3$  concentration diminishes. The  $H_3BO_3$  content should not be less than 10 grams per liter. The acidity of the bath significantly affects the continuity and the protective properties of the C. The optimum acidity of the bath occurs when the pH is in the 4.5-5.5 interval. Variation in the  $D_k$  from 0.25 to 2.5 amp/dm<sup>2</sup> and in bath temperature from 20-70°C does not significantly affect the porosity of the C. An increase in the thickness of C diminishes its porosity. Stirring of the bath has no real effect upon the continuity of the C. Contamination of the bath by Fe or by dextrin induces an increase in the porosity of the C, its brittleness and surface brightness, and also surface pitting. Passivation of the surface of the parent metal before nickel-plating decreases the protective capacity of the C by 33-50 percent for a layer of given thickness.

1. Nickel coatings--Porosity--Analysis

D. T.

Card 2/2

VASIL'Yeva, G.S.

137-58-1-1397

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 186 (USSR)

AUTHOR: Vasil'yeva, G.S.

TITLE: Chrome Coatings From Electrolytes Containing Acetic Acid  
(Khromovoye pokrytiye iz elektrolita s uksusnoy kislotoy)

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. v med.  
prom-sti, 1957, Nr 3 (22), pp 84-86

ABSTRACT: The results of investigations of the brightness, porosity, and bonding metals of Cr coatings from baths containing  $\text{CH}_3\text{COOH}$  and  $\text{NiCl}_2$  and held at room temperature are presented. The optimum conditions for obtaining satisfactory coatings are expounded.

V.G.

1. Chromium plating--Processes

Card 1/1

FEDURKIN, V.V.; VASIL'YEVA, G.S.; SOLOMINA, Ye.P.

Chemical removal of fats from steel and brass parts before  
electroplating. Med.prom.SSSR 12 no.5:15-19 My '58.  
(MIRA 11:5)

1. Vnesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo  
instrumentariya i oborudovaniya.  
(METAL CLEANING) (ELECTROPLATING)

FEDURKIN, V.V.; NESTERENKO, A.T.; KOVSHAROVA, L.A.; RAZUMOVSKAYA, Ye.I.;  
OSIPOVA, Ye.V.; VASIL'YEVA, G.S.; PEKARSKIY, M.D., otv.red.;  
ZVOROMO, B.P., zamestitel' otv.red.; BOLDYREV, B.V., red.; VOLODIN,  
Ye.A., red.; DANIL'CHENKO, Ye.P., red.; ORSKIY, I.N., red.; MISHIN,  
L.N., red.; FREYDIN, G.S., red.; TSEPELEV, Yu.A., red.

[Technological instruction material; aluminum and aluminum alloys  
for medical articles] Rukovodiashchie tekhnicheskie materialy;  
aliuminii i aliuminievye splavy dlja meditsinskikh izdelii. Moskva,  
M-vo zdravookhraneniia, 1959. 70 p. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo  
instrumentariya i oborudovaniya.  
(MEDICAL INSTRUMENTS AND APPARATUS) (ALUMINUM)

VASIL'YEVA, G. S.

New electrode pastes for the registration of bioscurrents. Nov. mei.  
tekhn. no. 1-83-90 '61. (MIRA 14-12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh  
instrumentov i oborudovaniya.

(ELECTROPHYSIOLOGY) (ELECTRODES)

VASIL'YEVA, G.V.

Effect of a recess area on the convective heat and mass transfer  
caused by evaporation cooling. Inzh.-fiz. zhur. 9 no.3:405-408  
(MIRA 18:9)  
S '65.

1. Institut teplo-i massoobmena AN BSSR, Minsk.

L 2022-66 EWT(1)/EWP(e)/EWT(m)/EPF(c)/ETC/EPF(n)-2/EWG(m)/EWP(k)/EWP(z)/EWP(b)/  
EWP(t) JD/WW

ACCESSION NR: AP5022391

UR/0170/65/009/003/0405/0408  
536.25

AUTHOR: Vasil'yeva, G. V.

TITLE: Effect of the penetration zone on convective heat and mass transfer in evaporative cooling

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 9, no. 3, 1965, 405-408

TOPIC TAGS: thermodynamics, heat transfer, mass transfer, evaporative cooling

ABSTRACT: The experiment was carried out in an aerodynamic assembly with a rectangular cross section area of 16 square meters and at a constant air velocity of 5 meters/sec. The dynamic pressure was measured with a Pitot-Prandtl tube. The relative moisture content of the air was maintained constant by an automatic system. The working materials were quartz sand with particle sizes of 0.8, 0.4, and 0.6 mm. The amount of water introduced was measured with an accuracy of 0.1%. The dry layers were investigated in thicknesses of 0, 2, 3, 4, 5, 6 and 8 mm. In evaluating the strong effect of the sinking down of the evaporation surface on the heat and mass transfer coefficients, special attention was paid to maintaining the thickness of the dry layer over the whole surface of the body.  
Card 172

L 2022-66

ACCESSION NR: AP5022391

4

Figures show the distribution of the profile of the temperature gradient over the depth of the layer of sand. Results showed that, with increasing depth of the phase transition zone, the curves lie higher while maintaining all the characteristics of their course. With an increase in the thickness of the dry layer, the hydraulic resistance of the porous structure increases. At the same time, there is an increase in the pressure inside the porous material and of the temperature of moisture evaporation. With an increase in the porosity of the sand, its thermal resistance increases, since the effective coefficient of thermal conductivity of the dry layer decreases. At an identical thickness of the dry layer, an increase in the particle size increases the heat flux through the porous medium and, consequently, increases the consumption of the cooling agent. Orig. art. has:

2 figures

ASSOCIATION: Institut teplo- i massoobmena AN BSSR, g. Minsk (Heat and Mass Transfer Institute of the AN BSSR, Minsk)

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2/2

ASSEVA, K.M.; GRODEVA, A.K.; VASIL'YEVA, G.V.

Frothing agent for ore flotation. Gor. zhur. no. 9, 75  
(MIRA 17, 12)  
S '64.

VASIL'YEVA, G.Ya.

Phenomena observed in the photosphere in the region beneath a  
flocculus before the appearance of sunspots. Izv.GAO 23 no.2:  
3-16 '63. (MIRA 16:12)